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Short presentation

Dr. Boris Düdder is an associate professor at the Department of Computer Science (DIKU) at the University of Copenhagen (UCPH), Denmark. He is head of the Software Engineering & Formal Methods research group at DIKU. His primary research interests are formal methods and programming languages in software engineering of trustworthy distributed systems, where he is studying automated program generation for adaptive systems with high-reliability guarantees. He is working on the computational foundations of reliable and secure Big Data ecosystems. His research is bridging the formal foundations of computer science and complex industrial applications. He is involved in multiple projects on innovative and dependable industrial IT infrastructure for enterprises, manufacturing industries, and national healthcare IT, e.g., Data Ecosystems, Smart Factories, and Industry 4.0. He received several international, European, and national research grants on scalable infrastructures for data ecosystems, healthcare IT, blockchain, and FinTech, where he enjoys operating in multinational interdisciplinary consortia.